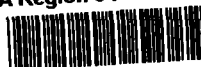


STS Consultants, Ltd.

750 Corporate Woods Parkway
Vernon Hills, IL 60061
Phone: (847) 279-2500
FAX: (847) 279-2510

EPA Region 5 Records Ctr.



226901

**FACSIMILE TRANSMISSION****Date:** September 27, 2002**To:** Fred Micke/Verneta Simon USEPA Fax #: 312-353-9176

Timothy Ramsey Piper Rudnick Fax #: 312-630-7350

Thomas Pabian Capri Capital Fax #: 312-335-9365

Pages being transmitted, incl. Cover: 4**CC:** **Fax No.:****From:** John Esser/Rich Berggreen **Phone:** 847-279-2500**Re:**☐ Urgent ☐ For Signature ☐ For Review ☐ Please Comment/Reply ☐ As Requested ☐ Original to Follow**Message:**

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**STS CONSULTANTS**

STS Consultants, Ltd.
750 Corporate Woods Parkway
Vernon Hills, Illinois 60061-3153

voice 847-279-2500
fax 847-279-2510
web www.stsconsultants.com

September 27, 2002

Mr. Fred Micke, On-Scene Coordinator
Ms. Verneta Simon, On-Scene Coordinator
U. S. Environmental Protection Agency
Region 5
77 W. Jackson Blvd., SE-5J
Chicago, Illinois 60604

RE: Work Plan Change Request, 341 East Ohio Street Site, Chicago, Illinois - STS Project
No. 25585-XI, Correspondence No. 122

Dear Mr. Micke and Ms. Simon:

This letter is to request your written concurrence with two revisions in the Work Plan related to work currently being conducted at the above referenced site. We understand these revisions from the procedures specified in the Work Plan were accepted in discussions in the field during a site visit. By this letter we are providing a written description of the changes and are requesting your concurrence.

The first change deals with the wedge of soil remaining along the north margin of the site. The Work Plan provides that the wedge of material below a slope of 1.5H:1V extending inward from the property line, be allowed to remain in place after the perimeter drilling program documented the material as non-radiologically-impacted. Note that in those areas where the drilling program showed the presence of impacted material, that material would be removed to clean limits or to the property line. In the course of excavating this location along the north margin of Areas 3 and 4, a foundation wall was encountered approximately 7 feet south of the northern property line. It was feasible to excavate vertically along the inside of this wall, toward the site, down to the natural sands, thus removing and allowing an increased quantity of the soil to be surveyed south of the wall. The presence of the wall, however, made the excavation between the wall and the sidewalk difficult as the bucket of the backhoe could not articulate to a point where the material on the outside of the wall could be excavated. As a result, the upper portion of the wedge on the outside of the wall, from a zero thickness at the sidewalk to a thickness of about 3 feet adjacent to the wall, would remain in place. That soil, however, was subject to a walkover gamma survey following the pavement stripping, such that the upper approximately 18 inches was surveyed. A sketch illustrating the slope, the concrete wall and the material proposed to remain is attached. This material was explored with the perimeter drilling program and was found to be non-radiologically impacted.

We are therefore requesting a change in the Work Plan to allow the upper part of the sloping wedge (north of the wall) to remain in place where this wall occurs. Soil has been removed which was not previously proposed to be removed, as the lower portion of the wedge was removed and surveyed on the inside of the wall. In that the soil remaining north of the wall has been explored through the perimeter drilling program, the upper portion of the remaining soil was surveyed through the walkover gamma survey, and soil was removed that was not originally proposed to be removed, we request your written concurrence with this change, and your concurrence that no restriction on your sign-off regarding the completeness and adequacy of the removal action will result from this change in the Work Plan.

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The second change involves the presence of a number of large concrete foundation elements in Areas 3 and 4. These elements appear to be pile caps for a former building at this site. It is noteworthy that they do not appear to have been associated with the building most recently removed from the site. In the course of the excavation and removal, it was noted that the floor slab for the most recent building did not have columns at the locations where these foundation elements were present. This indicates that the foundation elements were not constructed for that building, but were left from a former structure. In that the most recent building was constructed at the time Lindsay Light and Chemical Company was beginning operations on the adjacent parcel to the south (based on Sanborn Fire Insurance maps documenting building construction in 1917 and Lindsay operations to the south beginning 1916), these concrete pile caps must necessarily predate the Lindsay Light operations. Additionally, the field observations show that the concrete pile caps were formed and poured in the natural sand. No evidence of urban fill was noted surrounding these features. In accordance with the Work Plan, all fill material will be excavated down to and surrounding the features. At all of the concrete pile caps exposed, no evidence of radiologically impacted material was noted beneath the floor slab for the building that post-dated these features. As a result, we request your concurrence that these items may be left in place, and that no restriction on your sign-off regarding the completeness and adequacy of the removal action will result from this change in the Work Plan.

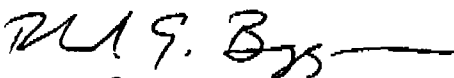
We appreciate your concurrence on this matter. Please provide us written confirmation of your agreement with this letter for our files. Please contact us with any questions you may have regarding this matter.

Regards,

STS CONSULTANTS, LTD.

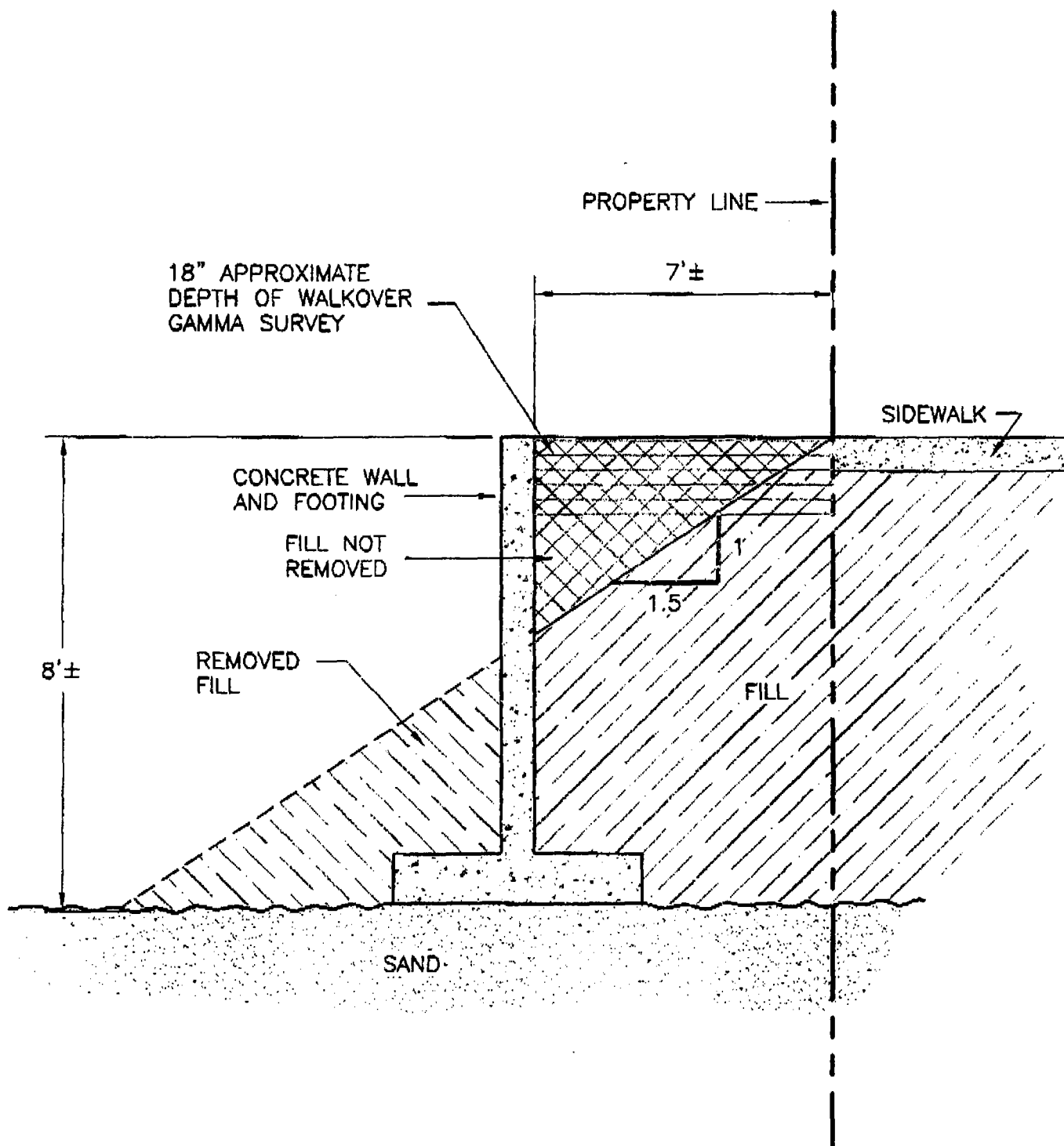


John S. Esser, P.G., P.E.
Senior Project Engineer



Richard G. Berggreen, C.P.G.
Principal Geologist

cc: Tim Ramsey, Piper Rudnick
Tom Pabian, Capri Capital



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STS Consultants Ltd.
Consulting Engineers

**SKETCH OF REQUESTED WORK PLAN REVISION
NORTH WALL EXCAVATION
341 EAST OHIO STREET SITE
CHICAGO, ILLINOIS**

DRAWN BY	KKB	9-24-02
CHECKED BY		
APPROVED BY	RGB	9-24-02
CAD FILE	SCALE	
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STS PROJECT NO.	FIGURE NO.	
25585-XI		

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